

Chemical Engineering and Technology

Program Code: 0817

1. Program Duration: 4-8 years
2. Required Credits: No less than 14 credits.
3. Curriculum

Course Type	Course Code	Course Name	Credit Hours	Credits	Semesters	Notes
Required course	7000001	Survey of China	36	2	1	
	7000011	Primary Chinese Language	32	2	1	
	7030003	Modern Science and Technology Course	32	2	1-3	
Optional course	7032001	Progress in Petroleum Chemistry and Processing Technology	24	1.5	1	
	7030004	Advances in Materials and Catalytic Technology	24	1.5	1	
	7035001	Advances in Biochemical Technology	24	1.5	1	
	7031001	Progress in Chemical Reaction and Separation Engineering	24	1.5	1	
	7030005	Research Progress of Functional Materials	24	1.5	1	
	7030006	Advances in coal and biomass conversion technology	24	1.5	1	
	6000013	Visual-Audio-Oral Practice Of English For Postgraduates	16	1	2	select 2 courses
	6000014	Academic English: Reading & Writing	16	1	2	

	6000016	Cross-Cultural Communication	16	1	2	
	6000017	Appreciation Of The Classic Literary Works In English-Speaking Countries	16	1	2	
	6000018	English For Energy	16	1	2	
	6000019	English For Studying Abroad	16	1	2	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	6032001	Petrochemistry	48	3	1	select courses 2
	6030002	Advanced Catalysis	48	3	2	
	6031003	Principle of Transfer Process	48	3	2	
	6030001	Chemical Reaction Engineering	48	3	1	
	6031001	Advanced Separation Engineering	48	3	1	
	6031002	Chemical Systems Engineering	32	2	2	
	6096104	Advanced Inorganic Chemistry	48	3	2	
	6096102	Colloid And Interface Chemistry	48	3	1	
	6035001	Biochemistry And Engineering	48	3	2	
	6031004	Design of Chemical Reactor	32	2	2	
	6000061	Instrument Analysis Technologies And Applications	32	2	2	
Compulsory part	8030101	Literature Reading and Thesis Proposal	-	1	4	
	8030102	Overseas Academic Exchange and Study & Training	-	1	1-8	